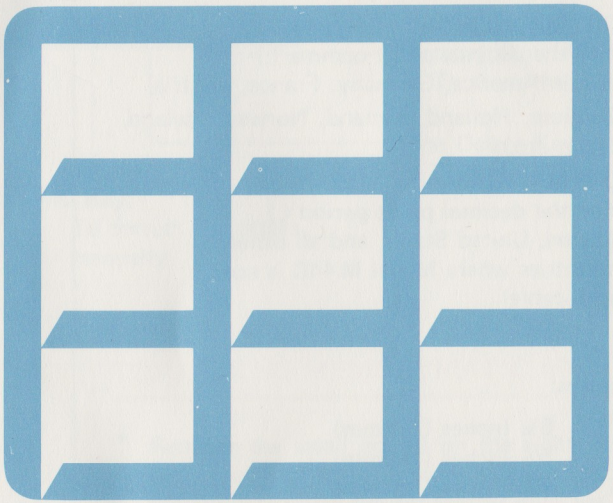
SILVER-REED

OPERATING MANUAL

Memorymatic M44



PREFACE

The Memorymatic M44 is a function-expanding device for exclusive use on the electronic compact typewriter, Model EX 44.

By using this versatile device, the capabilities of the EX 44 can be greatly enhanced. The device also permits the use of a 6K memory which is infinitely helpful in repetitive-use operations.

The addition of the Memorymatic M44 enhances the EX44 with space-age design to match the modern office, and is suited for a wide range of personal and business applications.

The following two models are available:

MEMORYMATIC M44C:
For the decimal point comma (,)
(Latin America, Germany, France, Austria, Belgium, Holland, Finland, Norway, Iceland, Italy, etc.)

MEMORYMATIC M44P:
For the decimal point period (.)
(Japan, United States, and all other countries where Model M 44C is not applicable)

Dimensions:

Width	6¾ Inches (170mm)
Depth	5½ Inches (140mm)
Height	2½ Inches (60mm)
Weight	1.3 Pounds (600g)

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The following symbol marks are adopted for convenience in this Operating Manual.

.....Carrier

.....Left Margin

.....Right Margin

.....Tab Set Position

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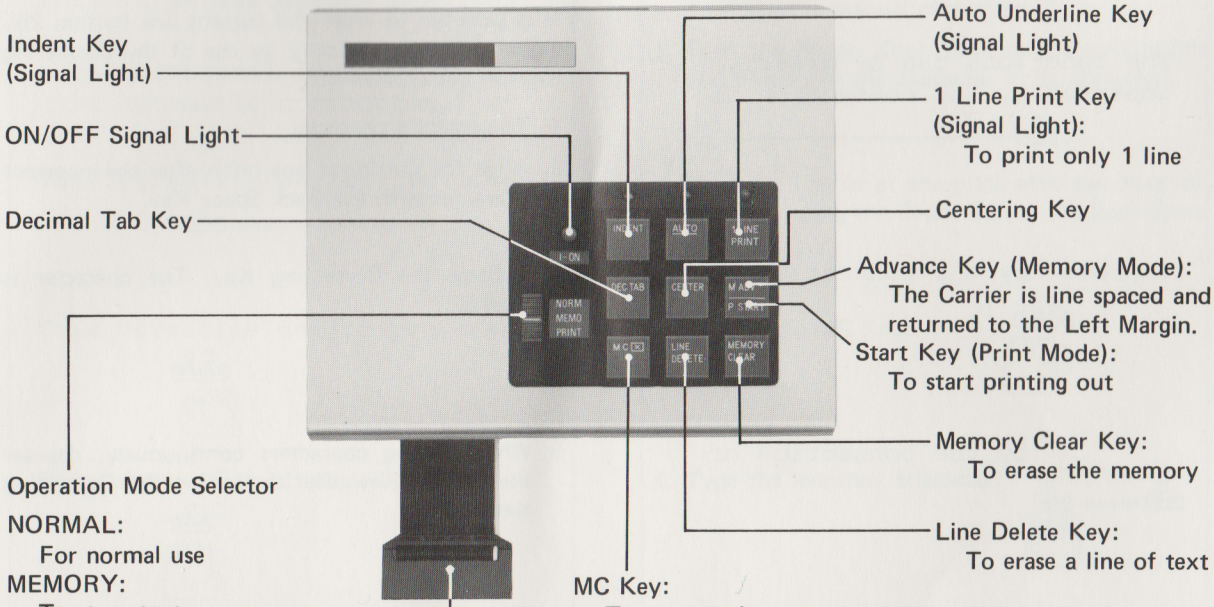
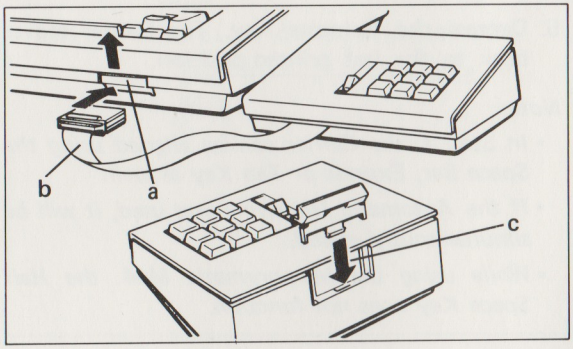
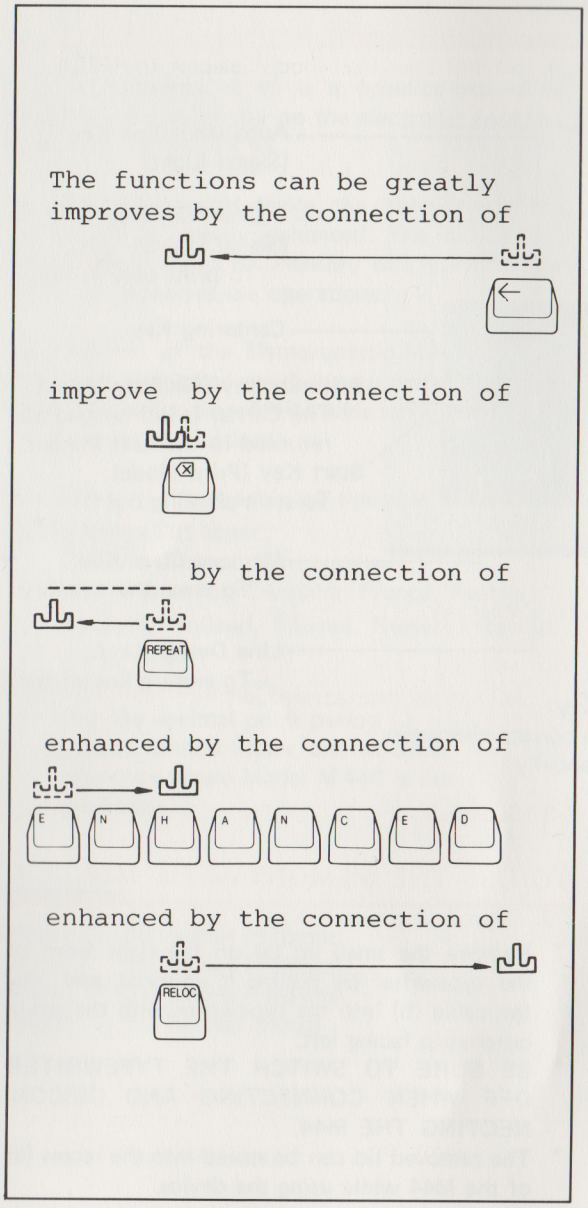
DESCRIPTION





TO USE THE MEMORYMATIC M44

* Remove the small lid (a) on the right front of the typewriter by pulling it upwards, and plug the cable (b) into the typewriter with the white outer-strip facing left.
* BE SURE TO SWITCH THE TYPEWRITER OFF WHEN CONNECTING AND DISCONNECTING THE M44.
* The removed lid can be stored into the recess (c) of the M44 while using the device.



M44 CAPABILITIES

Automatic Correction

It is possible to erase the current line (within 255 characters) automatically by use of the Correcting Key on the typewriter.

■ To correct a character

1. Align the Carrier at one pitch after the incorrect character with the Back Space Key.

2. Depress the Correcting Key. The character is erased.

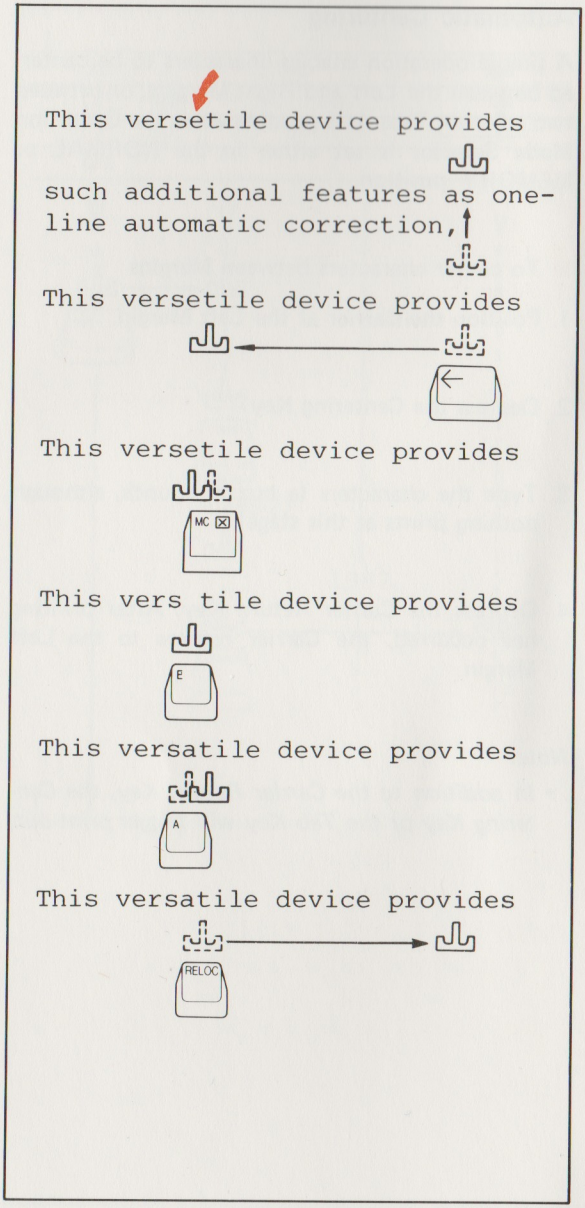
3. When erasing characters continuously, depress the Repeat Key after depressing the Correcting Key.

4. Type the correct character(s).

5. Depress the Relocate Key. The Carrier moves back to the last printed position.

Notes:

- *In Step 1, the Carrier can be aligned using the Space Bar, Express or Tab Key as well.*
- *If the Automatic Underline was used, it will be simultaneously erased.*
- *While using the Memorymatic M44. the Half Space Key does not function.*



Manual Correction

When using the Memorymatic M44, use only the MC Key on the M44 for manual correction.

■ To make the manual correction

1. Turn the Platen Knob back to the writing line which includes the character to be corrected.
2. Align the Carrier at one pitch after the incorrect character using the Space Bar or the Back Space Key.
3. Depress the MC Key.
4. Type the incorrect character.
5. Type the correct character.
6. When two or more characters are to be corrected, repeat Steps 2 through 5.
7. Depress the Relocate Key.

Notes:

- *Be sure to depress the Relocate Key or the Carrier Return Key after making any correction. If not, the automatic correction feature will not be possible.*
- *In Step 2, the Carrier may be aligned by using the Express Key or the Tab Key, as well.*

Automatic Underline

The Auto Underline Key makes it possible to underline characters or words at the same time as they are being typed.

■ To underline characters automatically

1. Depress the Auto Underline Key. The signal light above the key will activate.

2. Type the desired characters and they will be automatically underlined.

3. Redepress the Auto Underline Key when finished. The signal light deactivates, cancelling the underline feature.

Note:

- *The Automatic Underlining is possible, even when used in conjunction with Automatic Centering or Decimal Tabulation.*

Automatic Centering

A simple operation enables characters to be centered between the Left and Right Margins, or between two adjacent Tabs. It is possible when the Operation Mode Selector is set either in the NORMAL or MEMORY position.

■ To center characters between Margins

1. Position the Carrier at the Left Margin.

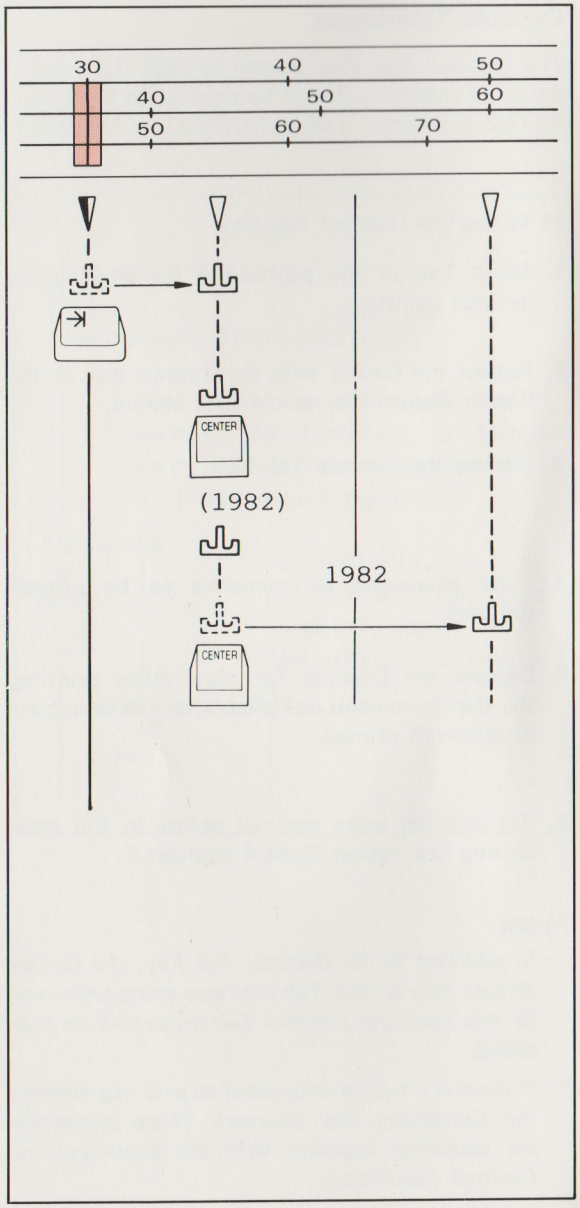
2. Depress the Centering Key.

3. Type the characters (a buzzer sounds, although nothing prints at this stage).

4. Depress the Carrier Return Key. After printing has occurred, the Carrier returns to the Left Margin.

Note:

- *In addition to the Carrier Return Key, the Centering Key or the Tab Key will trigger print-out.*



■ To center characters between Tabs

1. Move the Carrier to the Tab set position using the Tab Key.

2. Depress the Centering Key.

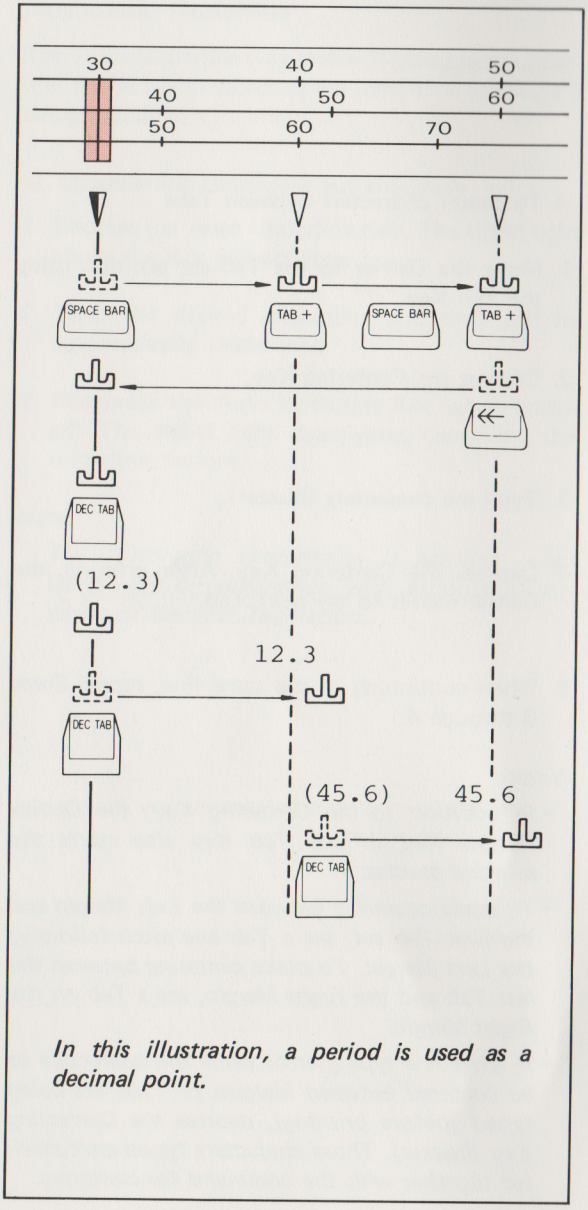
3. Type the characters (buzzer).

4. Depress the Centering Key. After printing, the Carrier moves to the next Tab.

5. When continuing in the same line, repeat Steps 3 through 4.

Notes:

- *In addition to the Centering Key, the Carrier Return Key or the Tab Key also starts the printing process.*
- *To make centering between the Left Margin and the first Tab set, set a Tab one pitch following the Left Margin. To make centering between the last Tab and the Right Margin, set a Tab on the Right Margin.*
- *If there is a typing error while the characters to be centered between Margins or Tabs are being typed (before printing), depress the Correcting Key (buzzer). Those characters typed are cancelled together with the command for centering.*



In this illustration, a period is used as a decimal point.

Decimal Tabulation

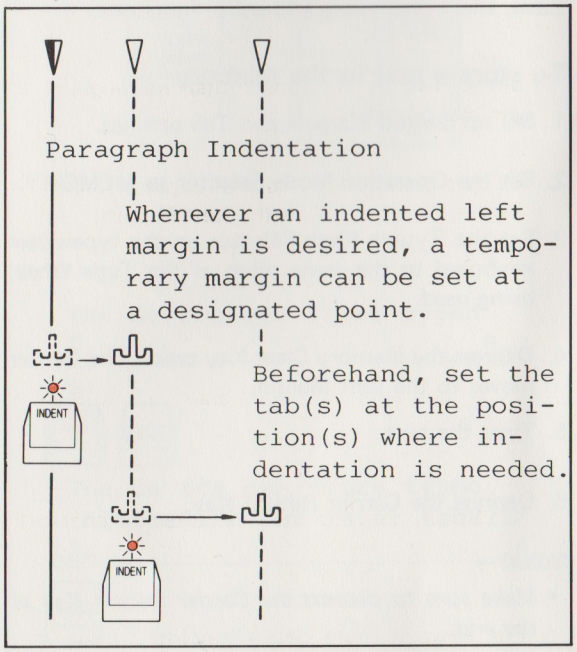
The Decimal Tab Key is used to align the decimal points of numerals. It can be used when the Operation Mode Selector is set at NORMAL or MEMORY.

■ To use the Decimal Tab Key

1. Set a Tab at the position(s) for aligning the decimal point(s).
2. Return the Carrier with the Express Key or the Carrier Return Key to the Left Margin.
3. Depress the Decimal Tab Key.
4. Type characters or numerals to be printed (buzzer).
5. Depress the Decimal Tab Key. After printing, the Carrier remains one pitch after the characters or numerals printed.
6. For aligning more decimal points in the same writing line, repeat Steps 4 through 5.

Notes:

- *In addition to the Decimal Tab Key, the Carrier Return Key or the Tab Key also starts print-out. In this case, the Decimal Tab mode will be cancelled.*
- *If there is a typing error prior to printing, depress the Correcting Key (buzzer). Those characters are cancelled together with the command for Decimal Tabulation.*


Paragraph Indentation
Whenever an indented left margin is desired, a temporary margin can be set at a designated point.
Beforehand, set the tab(s) at the position(s) where indentation is needed.
INDENT
INDENT

Paragraph Indentation

Indent Key:

The Indent Key is used to indent a paragraph at any temporary position away from the Left Margin.

■ To set the Indent

1. Set a Tab in advance at the position where indentation is desired.

2. Move the Carrier to any point left of the Tab Set position.

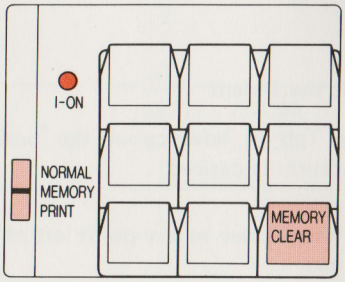
3. Depress the Indent Key. The signal light above the key will activate. The Carrier moves to the Tab Set position and will return to that position thereafter, until the Indent Key is redepressed.

Note:

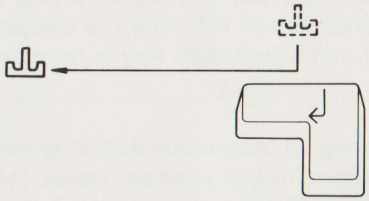
- *When desiring an indentation further to the right of the present Indent position, repeat the procedure above. You must depress the Indent Key twice in this instance.*

■ To clear the Indent

Redepress the Indent Key and the signal light will deactivate. Then depress the Carrier Return Key or the Express Key and the Indent is cleared.



The device can store typed information for later recall and repeated use.



- *If a wrong pitch is set, set the correct pitch to match the Type Wheel; redepress the Memory Clear Key, then begin again.*
- *The Memory Clear Key is effective only when depressed twice. This is to protect the memory against erroneous clear.*

MEMORY FUNCTION

Memory Capacity

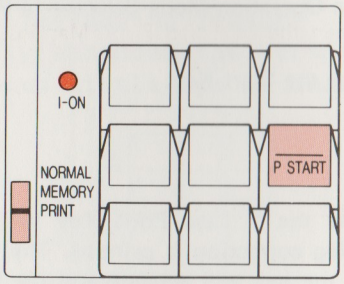
It is possible to store up to 6,000 actions, which would include characters, spaces, tabs, carrier returns, silent characters and other functions.

To store a text in the memory

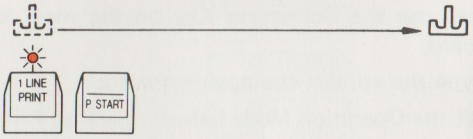
1. Set up desired Margins and Tab settings.
2. Set the Operation Mode Selector to MEMORY.
3. Set the Typing Pitch Selector on the typewriter keyboard to the same pitch as the Type Wheel being used.
4. Depress the Memory Clear Key twice. The Carrier moves to the Left Margin.
5. Type the text.
6. Depress the Carrier Return Key.

Notes:

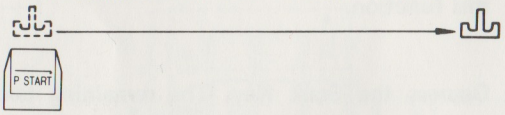
- *Make sure to depress the Carrier Return Key at the end.*
- *The memory is backed up by battery for about 4 days after you switch the typewriter off.*
- *If any typing errors occur, correct them with the Correcting Key on the typewriter. Also, when cancelling the line being typed, do not depress the Carrier Return Key but the Line Delete Key. The line will not be memorized.*
- *Once established, the typing pitch cannot be changed.*



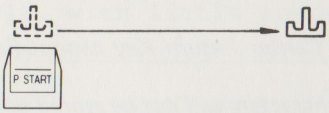
The device can store typed



The device can store typed information for later recall



The device can store typed information for later recall and repeated use.



To print out the stored text

1. Set the Operation Mode Selector to PRINT. The Carrier will stop at the center of the Platen. (Initial Move)

2. Depress the Start Key. The entire stored text will print without stopping.

To print out line-by-line

1. Set the Operation Mode Selector to PRINT. The Carrier will stop at the center of the Platen.

2. Depress the 1 Line Print Key. The signal light above the key will activate.

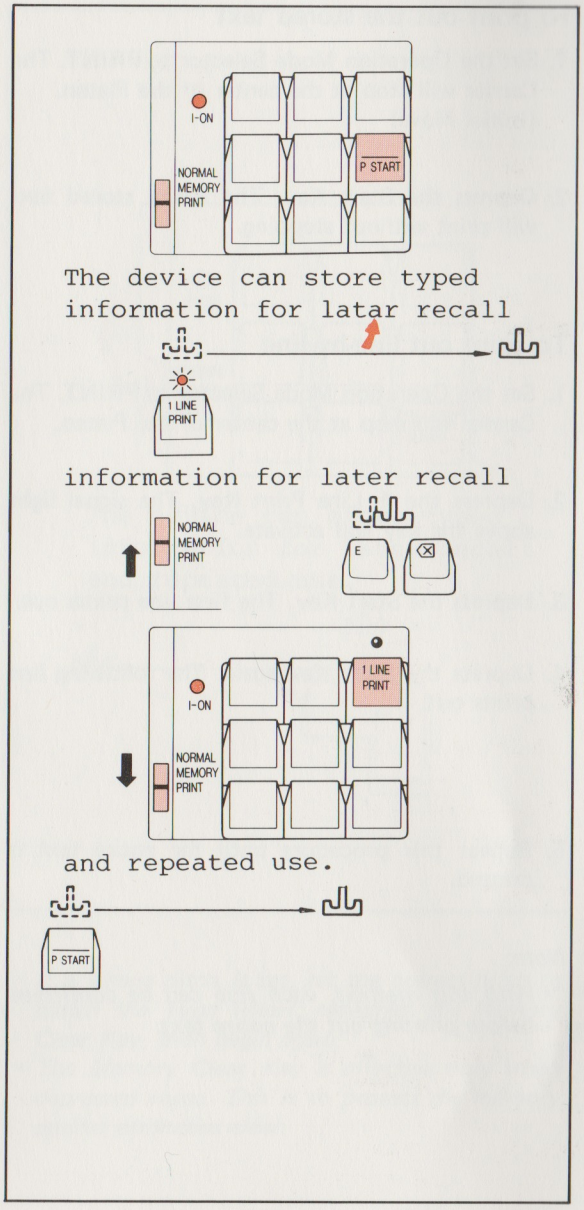
3. Depress the Start Key. The first line prints out.

4. Depress the Start Key again. The following line prints out.

5. Repeat this procedure until the entire text is printed.

Note:

- *With this method, each line can be confirmed before printing out the entire text.*



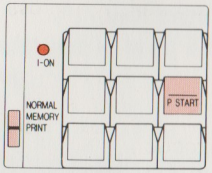
To correct or insert characters

1. Set the Operation Mode Selector to PRINT.
2. Depress the Start Key.
3. Depress the 1 Line Print Key while the line requiring correction is printing. The signal light above the key will activate and the Carrier will remain at the end of the line.
4. Set the Operation Mode Selector to MEMORY.
5. Backspace to the incorrect character or word and then use the Correcting Key on the main keyboard.
6. Type the correct character or word.
7. Set the Operation Mode Selector back to PRINT.
8. Redepress the 1 Line Print Key to discontinue this function.
9. Depress the Start Key. The remaining text is printed out.
10. If there are errors in any other lines, repeat Steps 3 through 9.

Notes:

- *In Step 5, the Carrier Return Key cannot function.*
- *The corrected characters will not be stored unless the procedures up to Step 9 are performed.*
- *If the characters corrected or inserted exceed the limit of the writing line, the lines can be modified by using the ways of deleting and inserting lines, as described in the next Sections.*

and repeated use.
This time-saving feature
greatly enhances the versatility.
It, with little space, enables



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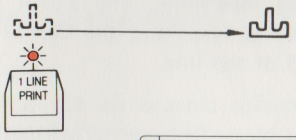

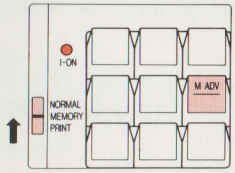

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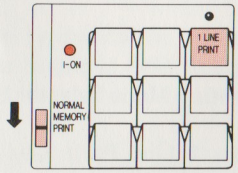

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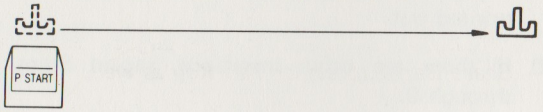
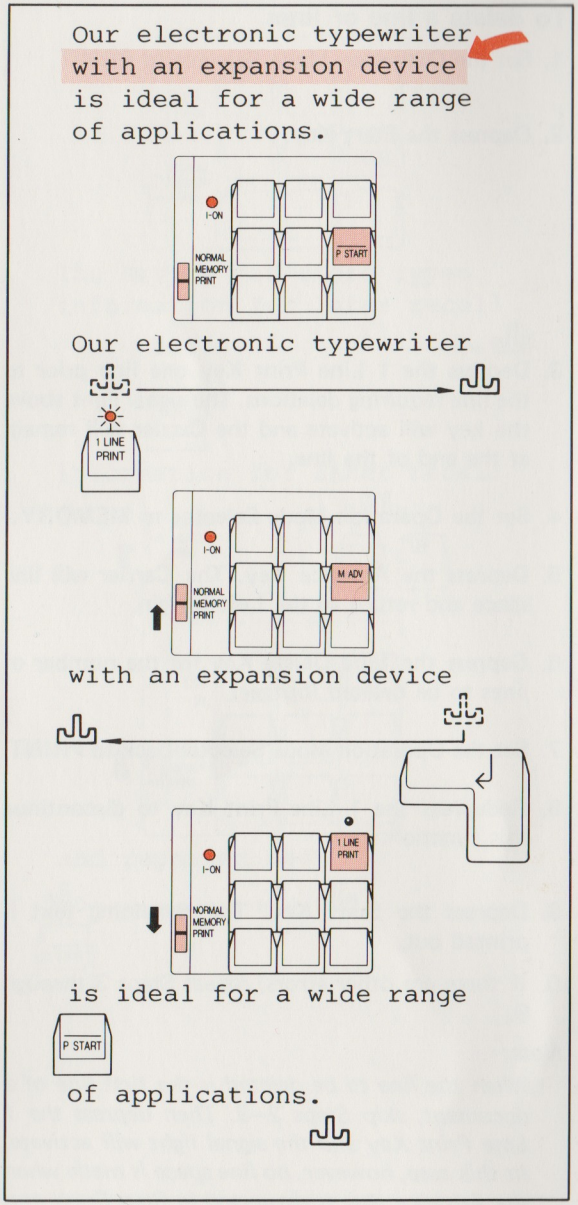


To delete a line or lines

1. Set the Operation Mode Selector to PRINT.
2. Depress the Start Key.
3. Depress the 1 Line Print Key one line prior to the line requiring deletions. The signal light above the key will activate and the Carrier will remain at the end of the line.
4. Set the Operation Mode Selector to MEMORY.
5. Depress the Advance Key. The Carrier will line space and return to the Left Margin.
6. Depress the Line Delete Key for the number of lines to be deleted (buzzer).
7. Set the Operation Mode Selector back to PRINT.
8. Redepress the 1 Line Print Key to discontinue this function.
9. Depress the Start Key. The remaining text is printed out.
10. If there are other errors, repeat Steps 3 through 9.

Note:

- *When the line to be deleted is the first line of a document, skip Steps 2–3. Then depress the 1 Line Print Key and the signal light will activate. In this case, however, no line space is made when the Advance Key is depressed in Step 5.*



To insert a line or lines

1. Set the Operation Mode Selector to PRINT.
2. Depress the Start Key.
3. Depress the 1 Line Print Key one line prior to the line requiring insertions. The signal light above the key will activate and the Carrier will remain at the end of the line.
4. Set the Operation Mode Selector to MEMORY.
5. Depress the Advance Key. The Carrier will line space and return to the Left Margin.
6. Type the line or lines to be inserted, depressing the Carrier Return Key at the end of each line.
7. Set the Operation Mode Selector back to PRINT.
8. Redepress the 1 Line Print Key to discontinue this function.
9. Depress the Start Key. The remaining text is printed out.
10. If there are other insertions, repeat Steps 3 through 9.

Note:

- *When the line to be inserted is the first line of a document, follow the same steps described in the "Note" on Page 11.*

CARE AND MAINTENANCE

Please follow the instructions below carefully so that your typewriter will always perform with optimum efficiency.

Type Wheel:
Be extremely careful not to bend the petal or scratch the type face when handling.

Clear Plastic Cover:
When the typewriter is not in use for long periods of time, be sure to cover it with the Clear Plastic Cover, which has been provided as an accessory.

Cleaning:
Do not use an organic solvent (like thinner) to clean the outside of the typewriter.

Operating Conditions:
Do not use the typewriter in extreme temperature.
The following room conditions are desirable for optimum machine performance.

Temperature.....5°C – 35°C (41°F – 95°F)
Humidity.....(RH) 20% – 80%

Do not use the typewriter in an environment where electro-static or electro-magnetic field exists.

SILVER-REED

SILVER-REED (U.K.) LTD.
Silver Seiko House
19-23, Exchange Road, Watford, Herts.
WD1 7EB, England
Telephone: 0923-45976

SILVER-REED INTERNATIONAL GMBH
Langer Kornweg 40, 6092 Kelsterbach
Postfach 1112, West Germany
Telephone: 06107-5001 — 6

SILVER SEIKO LTD.
16-6, Shinjuku 2-chome
Shinjuku-ku, Tokyo, 160 Japan
Telephone: 03-356-6111

SILVER-REED AMERICA, INC.
19600 South Vermont Avenue
Torrance, California 90502, U.S.A.
Telephone: 213-516-7008

SILVER-REED AMERICA, INC.
Liaison Office, Panama
Apartado Postal 6-3694
Estafeta El Dorado
Panama, Republica de Panama
Telephone: 60-6715/60-6179

SILVER-REED INTERNATIONAL (HONG KONG) LTD.
South China Building, 12th Floor
1-3, Wyndham Street, Central, Hong Kong
Telephone: 5-212376 — 7

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H1782(B)
Printed in Japan 682/I (欧英)